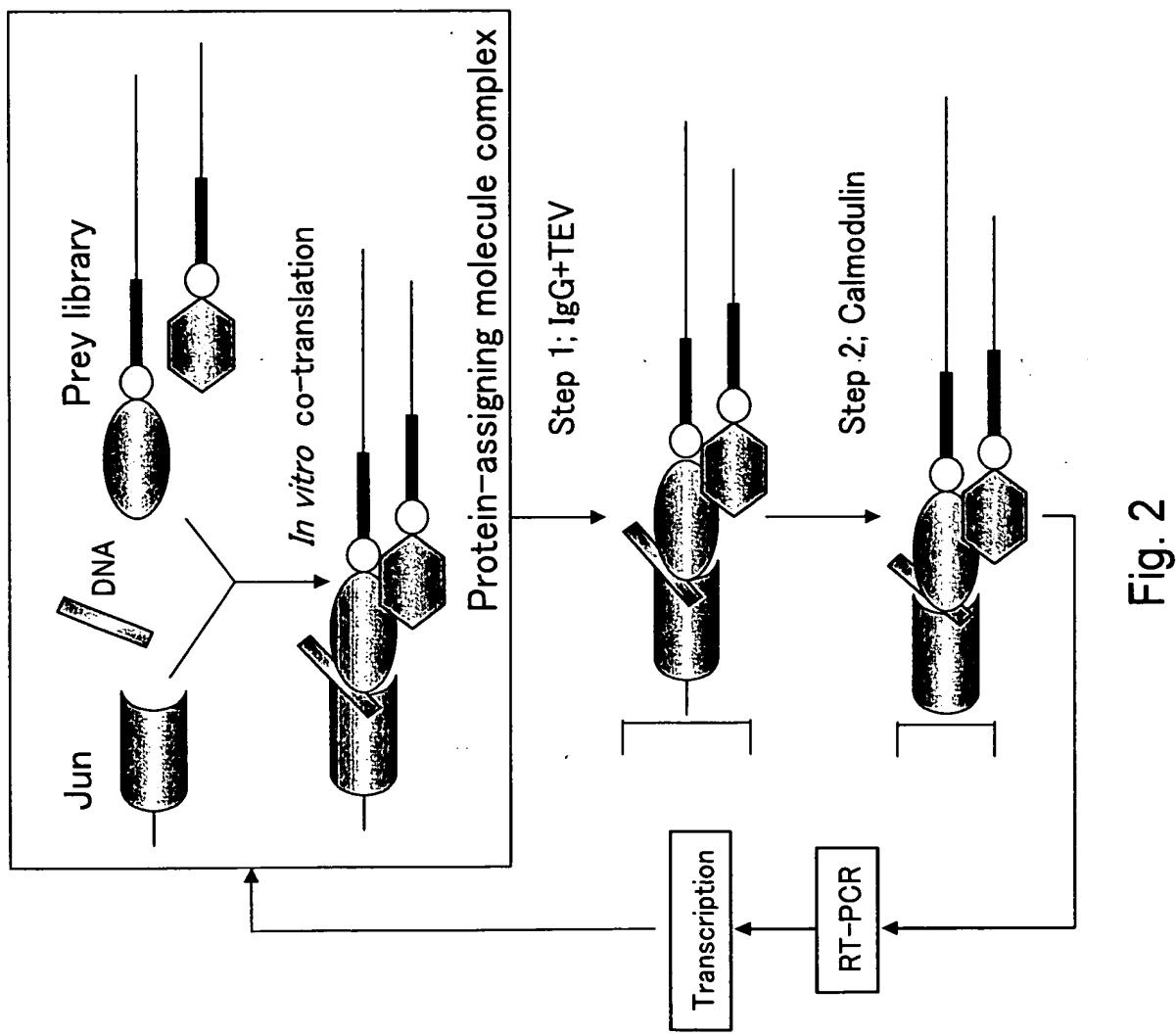


Amino acid SEQ ID NO.	Name of protein/gene, accession No.	leu zipper	Nucleic acid SEQ ID NO.	Num-ber of clones	Alternate symbols & alias
1-69	<b>Mus musculus</b> similar to small nuclear RNA activating complex, polypeptide 5, 19kDa; small nuclear RNA activating complex, polypeptide 5, 19kD [Homo sapiens] (LOC3300959), mRNA, NM_284503	○	Refer to List 1 of Example 1	76	SNAPc5, SNAP19
70-87	<b>Mus musculus</b> kinesin family member 5C (Kif5c), mRNA, NM_008449	○	200(70), 201(71), 202(72), 203(73), 204(74), 205(75), 206(76), 207(77), 208(78), 209(79), 210(80), 211(81), 212(82), 213(83), 214(84), 215(85), 216(86), 217(87)	19	KINN, NKHC, NKHC2, NKHC-2
88-94	<b>Mus musculus</b> kinesin family member 5A (Kif5a), mRNA, NM_008447	○	218(88), 219(89), 220(90), 221(91), 222(92), 223(93), 224(94)	6	Kns, Kif5
95-99	<b>Mus musculus</b> eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (Eef1d), mRNA, NM_023240	○	225(95), 226(96), 227(97), 228(98), 229(99)	5	
100-104	<b>Mus musculus</b> neurofilament 3, medium (Nef3), mRNA, NM_008691	×	230(100), 231(101), 232(102), 233(103), 234(104)	4	Nfmr, NF-M, NF 60
105-108	Jip-c3.1	○	235(105), 236(106), 237(107), 238(108)	3	4732436F15Rik(XM_143418)
109-111	Jip-c1	○	239(109), 240(110), 241(111)	2	expressed sequence AU022327 (XM_135706)
112-113	<b>Mus musculus</b> APC-binding protein EB2 mRNA, partial cds, U51204	×	242(112), 243(113)	1	Mapre3 (XM_131982)
114-115	<b>Mus musculus</b> chondroitin sulfate proteoglycan 6 (Cspg6), mRNA, NM_007790	○	244(114), 245(115)	1	HCAP, SMC3, SmcD(AF0477601), Mmip(Y15128), Bamagan(BC036330)
116-117	<b>Mus musculus</b> mitogen-activated protein kinase 8 interacting protein 3 (Mapk8ip3), mRNA, NM_013931	○	246(116), 247(117)	1	Jip3(AF178637), Syd2(AF262046), JSAP1(AB043125), JSAP1a, JSAP1b, JSAP1c, JSAP1d, D17Wsu15e
118-119	Jip-c3.2	○	248(118), 249(119)	1	1200008A14Rik(NM_028915)
120-121	<b>Mouse</b> glial fibrillary acidic protein (GFAP) mRNA, K01347	×	250(120), 251(121)	1	
122-123	Jip-c8	○	252(122), 253(123)	1	B130050123Rik(NM_153536)
124-125	<b>Mus musculus</b> kinesin family member 5B (Kif5b), mRNA, NM_008448	×	254(124), 255(125)	1	Khc

Fig. 1



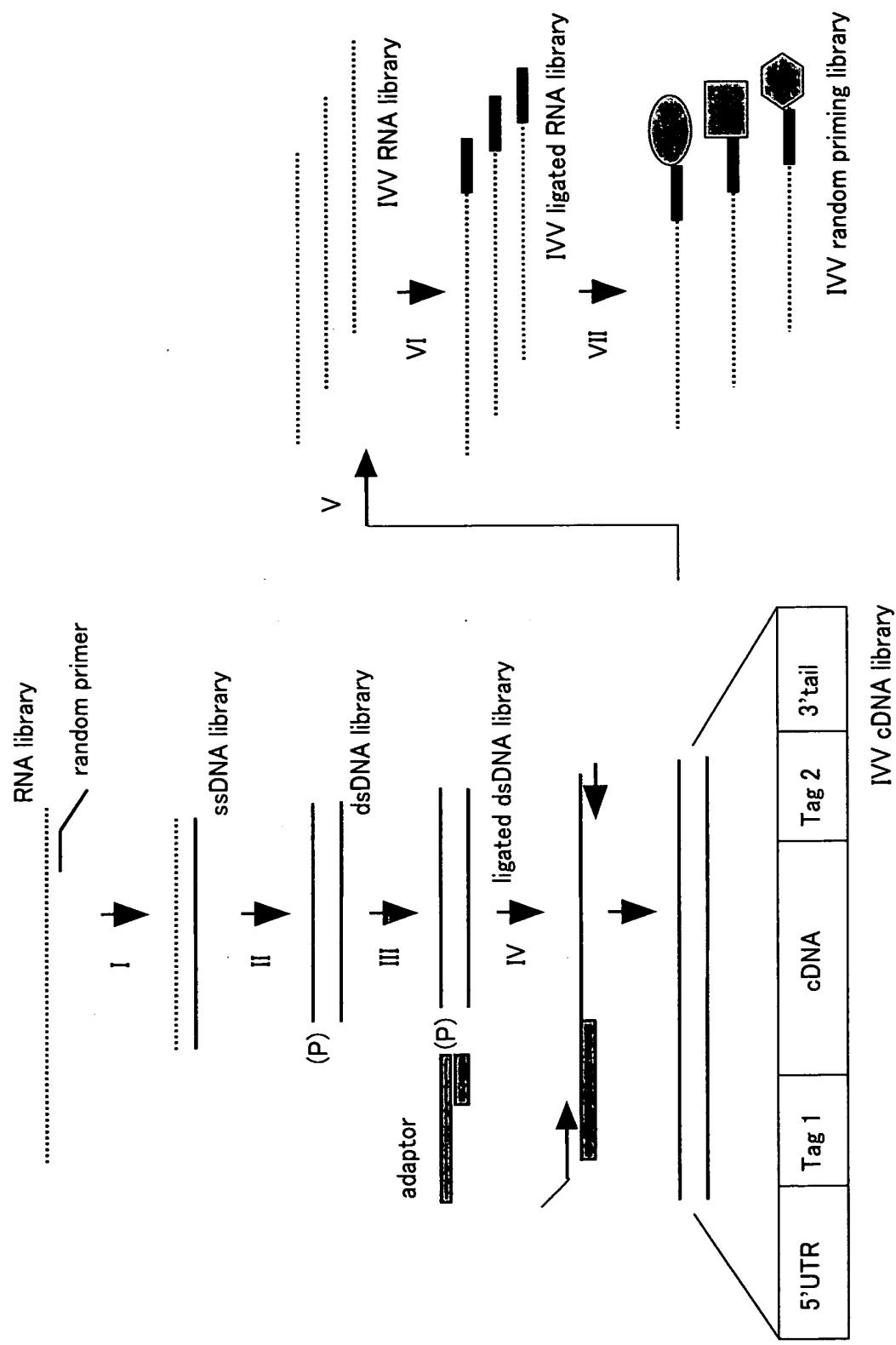
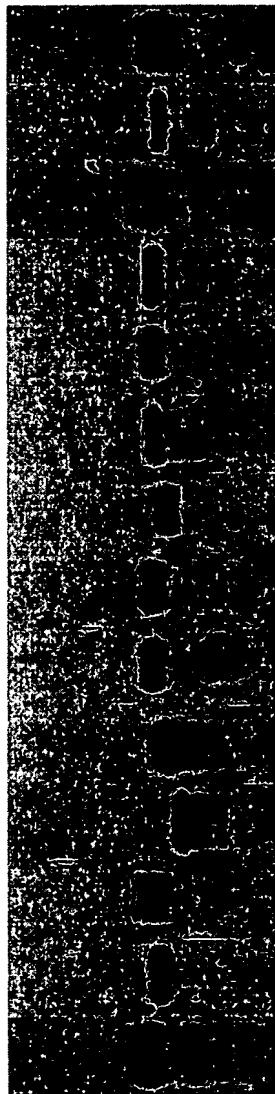


Fig. 3

4/11



A

2

1 2 3 4 5 6 7 8 9 10 11 12 13 14

$$\frac{1}{a} \frac{2}{b} \frac{3}{a} \frac{1}{b} \frac{2}{a} \frac{3}{b} \frac{1}{a} \frac{2}{b} \frac{3}{a} \frac{1}{b} \frac{2}{a} \frac{3}{b}$$

$$\frac{1}{a} \frac{2}{b} \frac{3}{a} \frac{1}{b} \frac{2}{a} \frac{3}{b} \frac{1}{a} \frac{2}{b} \frac{3}{a} \frac{1}{b} \frac{2}{a} \frac{3}{b}$$

$$\begin{array}{r} 1 & 2 & 3 & 1 & 2 & 3 \\ \hline a & b & \hline 9 \end{array} \quad \begin{array}{r} 1 & 2 & 3 & 1 & 2 & 3 \\ \hline a & b & \hline 10 \end{array} \quad \begin{array}{r} 1 & 2 & 3 & 1 & 2 & 3 \\ \hline a & b & \hline 11 \end{array}$$

$$\frac{1}{a} \frac{2}{b} \frac{3}{c} \frac{1}{d} \frac{2}{e} \frac{3}{f}$$

Fig. 4

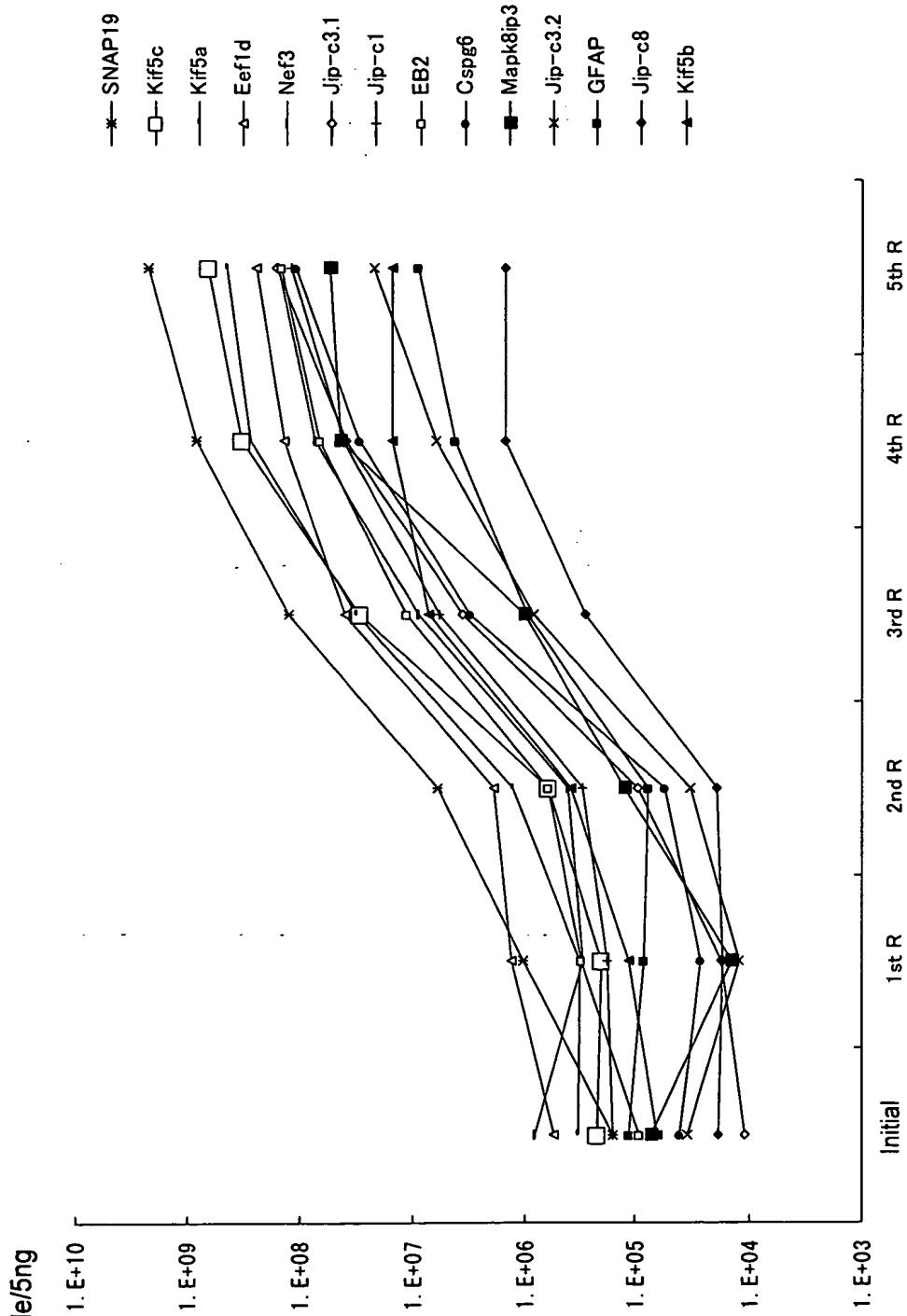


Fig. 5

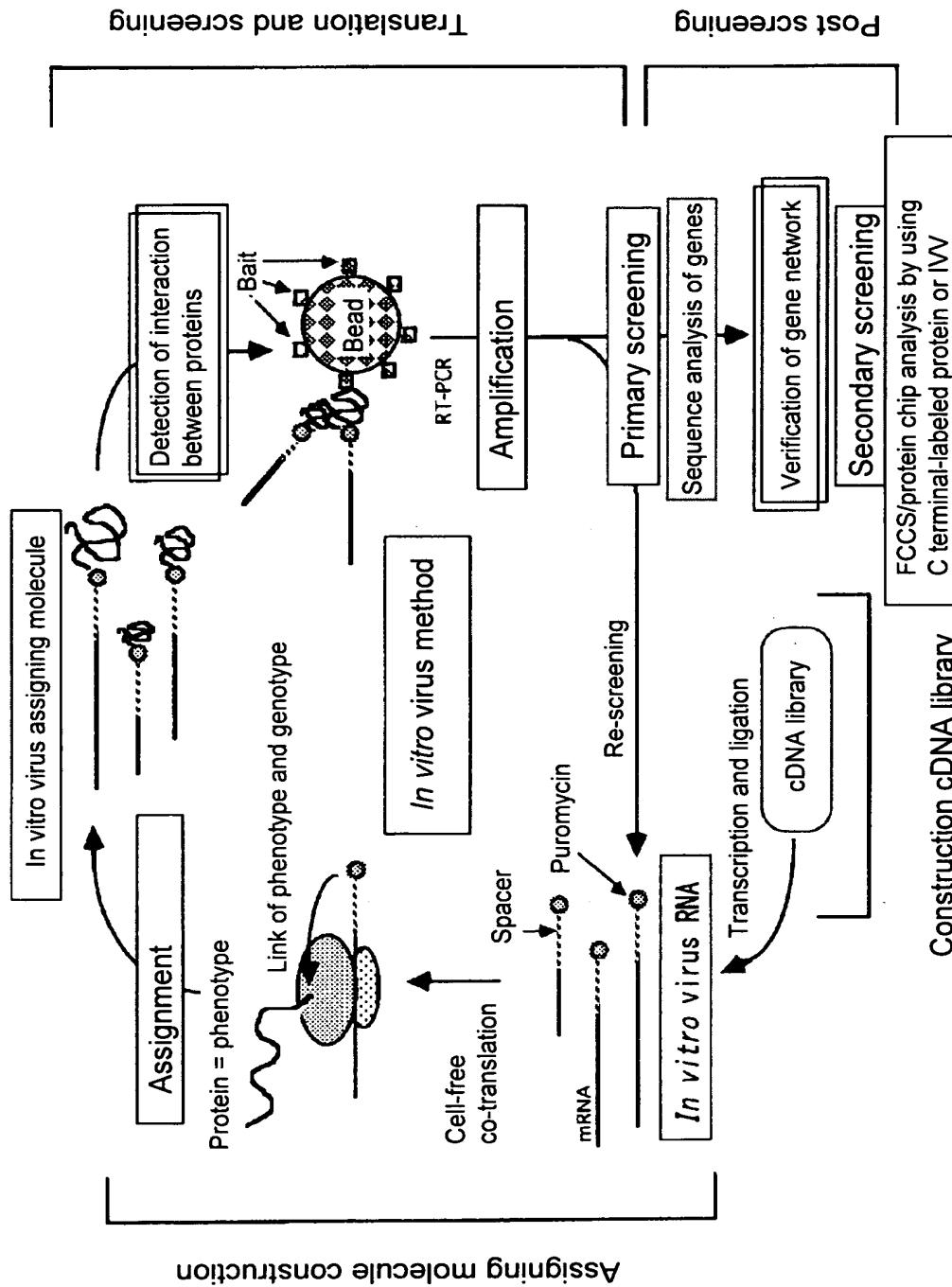
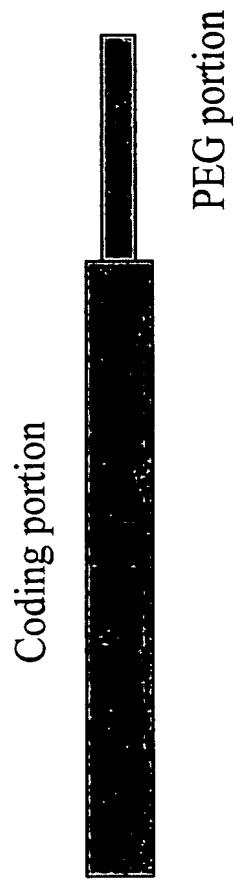
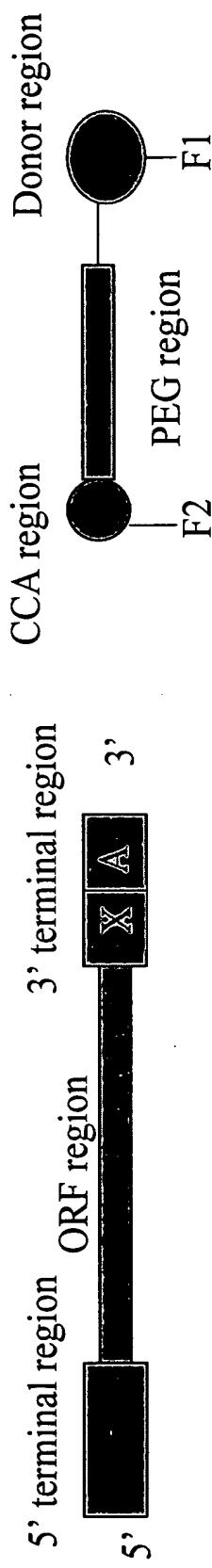


Fig. 6

### A Translation template



### B Coding portion



### C PEG portion

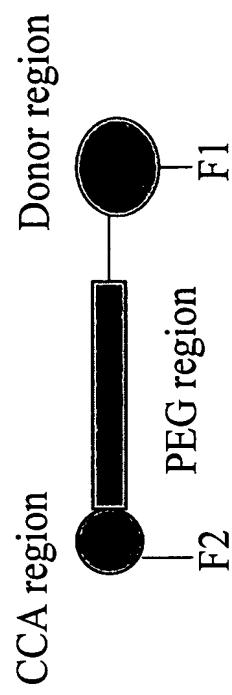
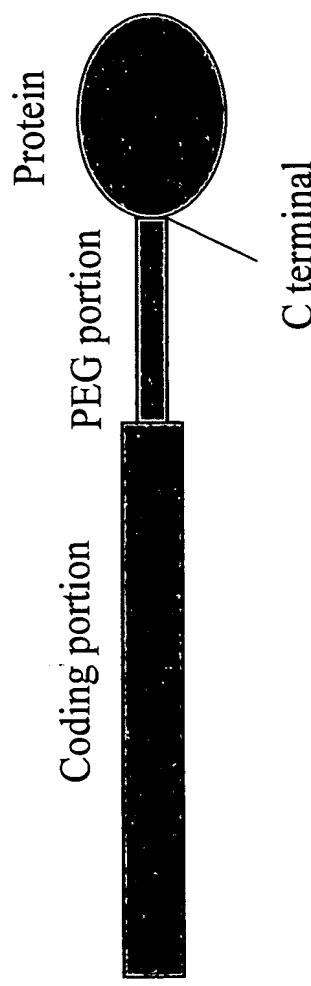


Fig. 7

A Protein of which C terminal is modified with translation template



B Translation template



C Protein of which C terminal is modified with  
PEG portion

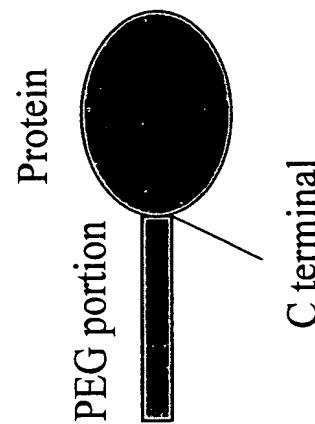
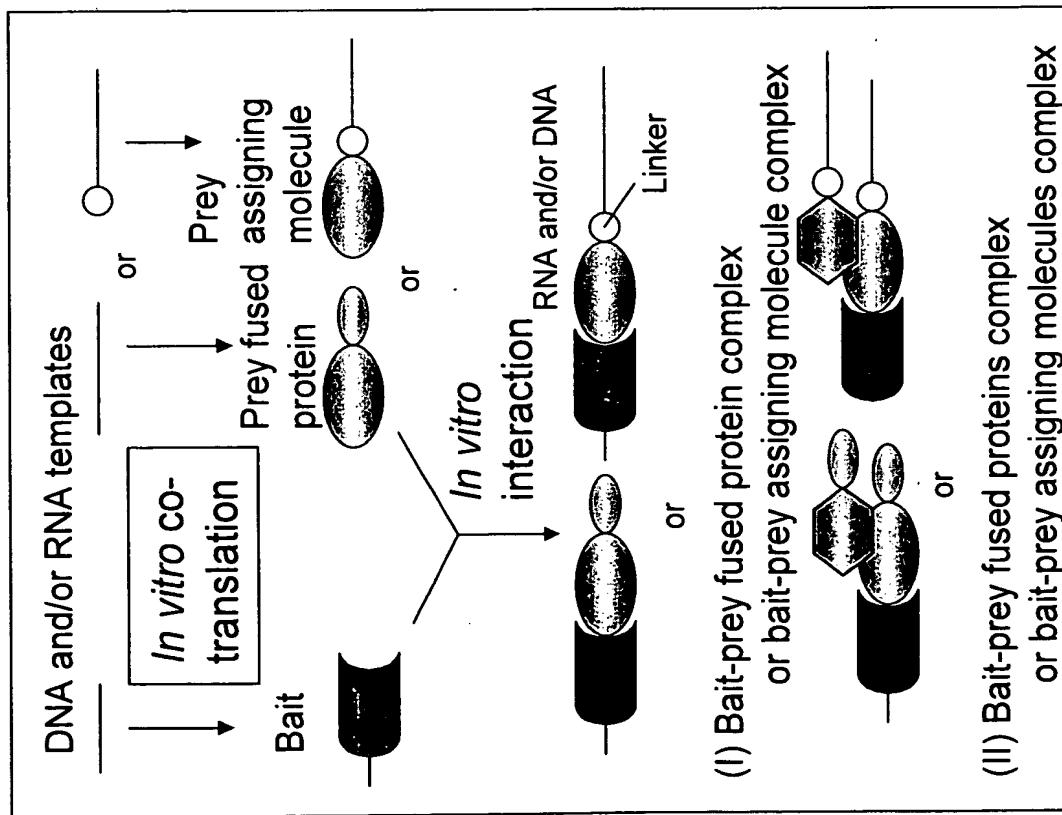
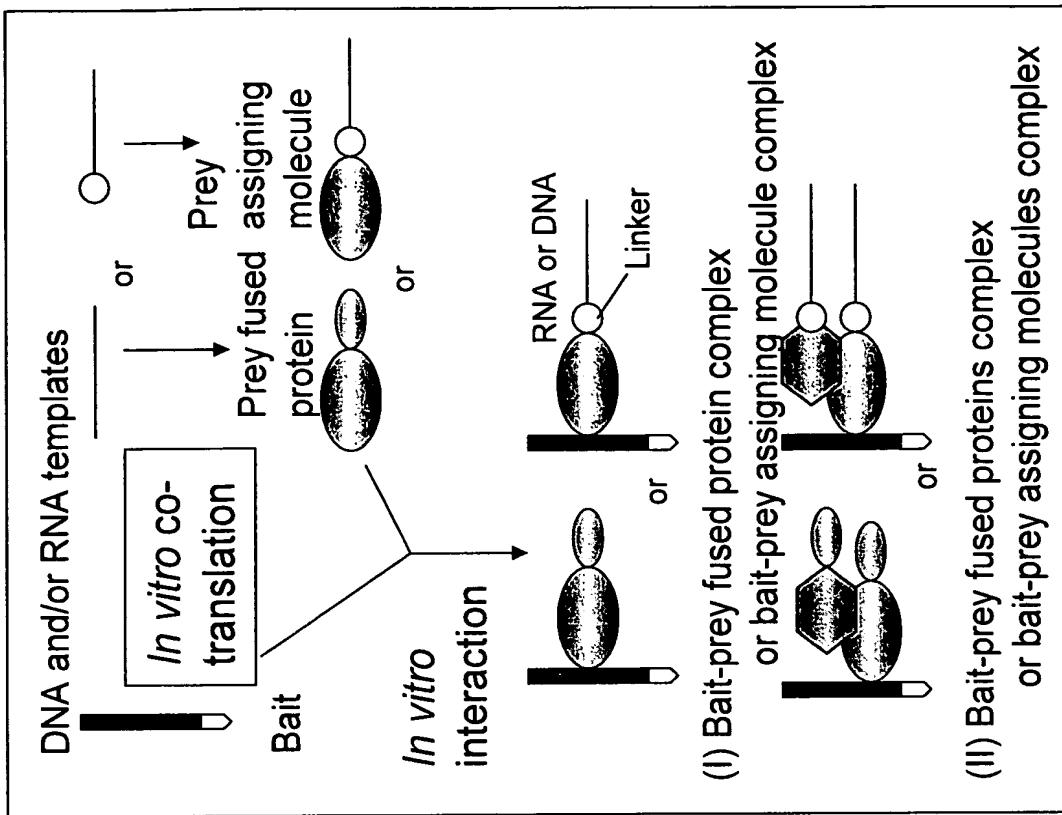


Fig. 8

**A****B****Fig. 9**

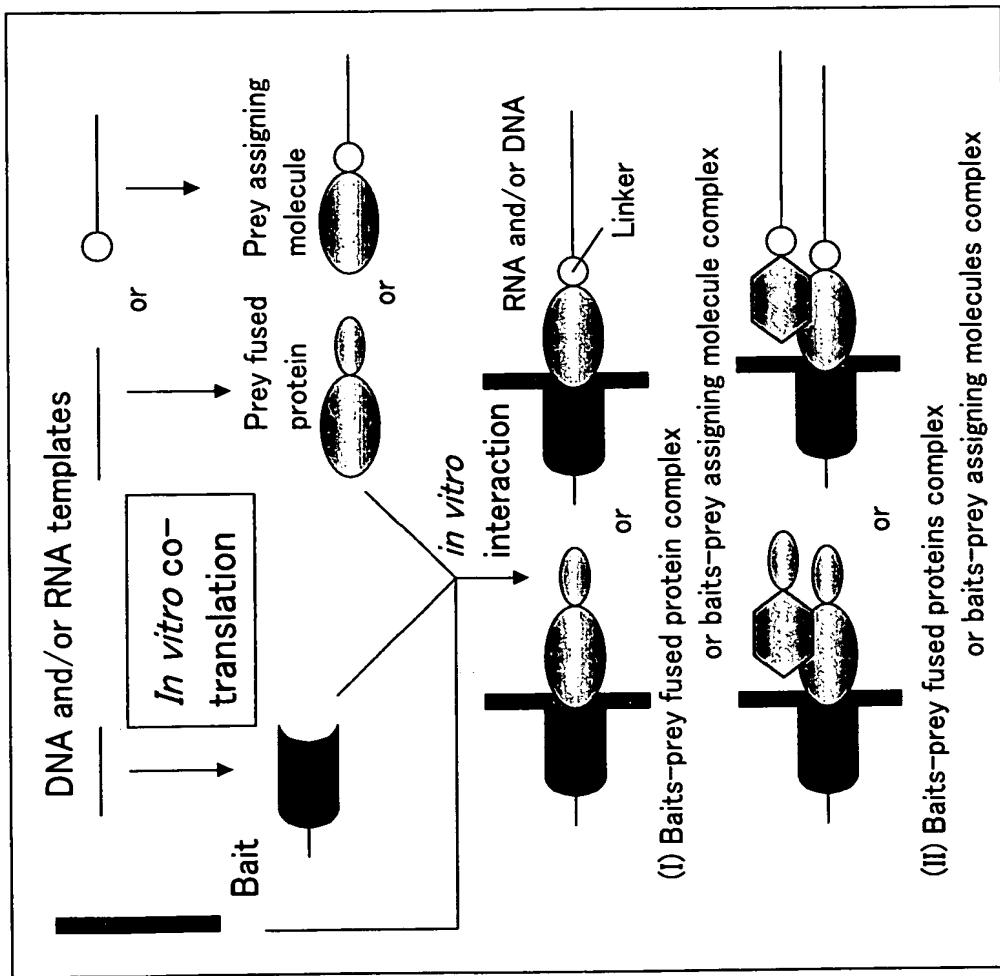


Fig. 10

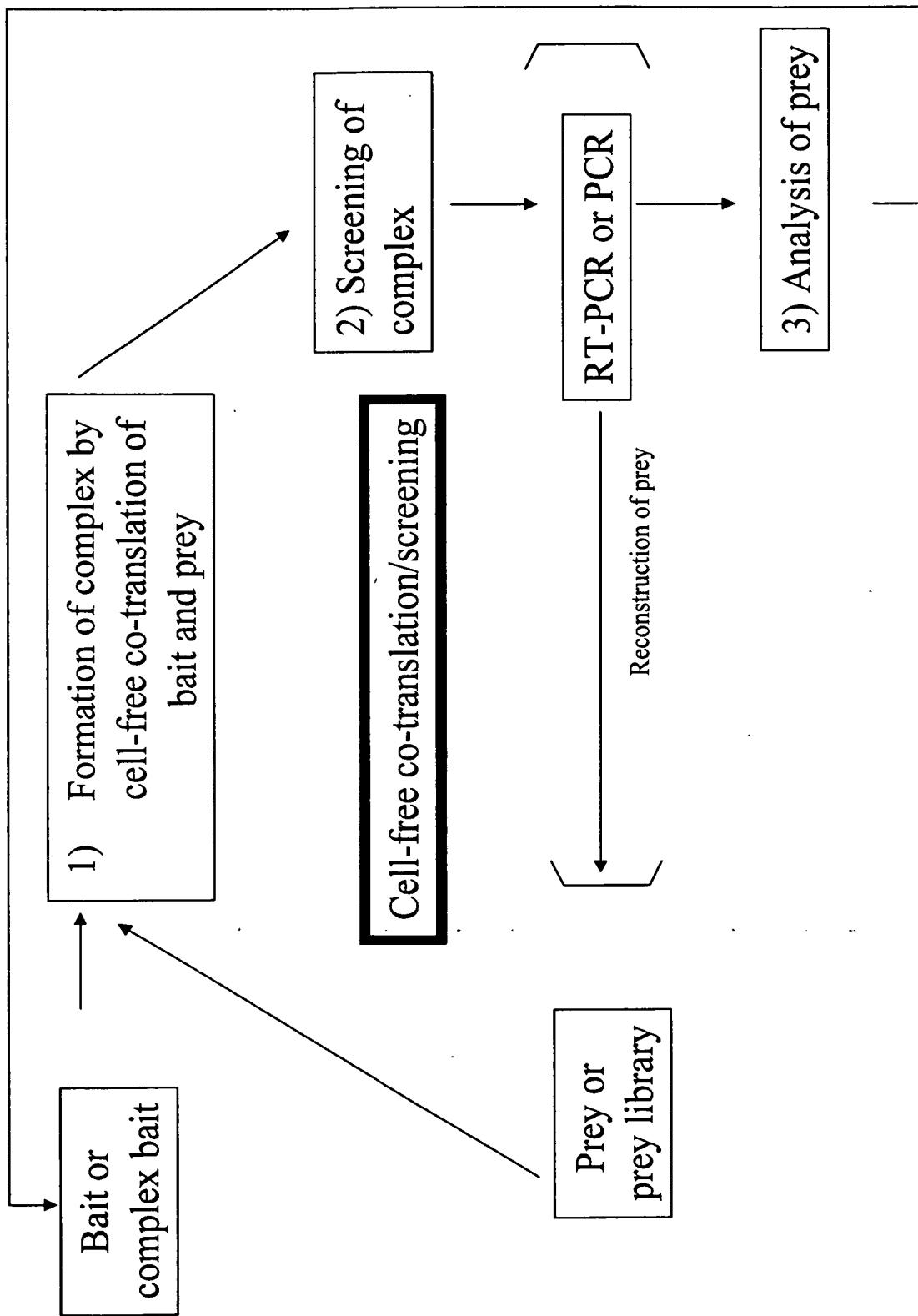


Fig. 11